

FY03 DON Pilot Project Summary

Project Name: Just-In-Time Wiring Information System – JITWIS (#489)

Command: NAVAIR Lakehurst

Functional Area Manager (FAM): Logistics

Pilot Summary:

The Just-In-Time Wiring Information System provides an integrated maintenance information system for the support of Naval aircraft wiring systems for the Fleet, maintenance activities and the aviation community. The suite streamlines wiring repair research through integration of a tooling and component database, connector identification wizard and XML work packages from technical publications detailing the repair procedure. JITWIS reduces research time by 64% and total repair time by 20%.

Business Value Added:

- Reduction of Maintenance Hours per wiring action
- Response to Fleet Maintainer's request for additional tools
- First Test of using NATEC's XML templates on a General Series Manual.

Other Considerations:

- Winner of 2003 DON CIO eGov Award
- Product based on requests from deckplate maintainers
- Solution marketable to commercial industry: could generate revenue.

Pilot Participants:

- NAVAIR 3.0 / 3.1 / 3.3 / 3.6 / 4.0 / 41D / 4.4.4
- PMA-260

Targeted Users:

- Squadrons
- AIMD
- NADEP